

M 6.5, 46 km NE of Puerto Obalda, Panama

Origin Time: 2023-05-25 03:05:32 UTC (Wed 22:05:32 local)
Location: 8.9240° N 77.0871° W Depth: 13.0 km

FOR TSUNAMI INFORMATION, SEE: tsunami.gov

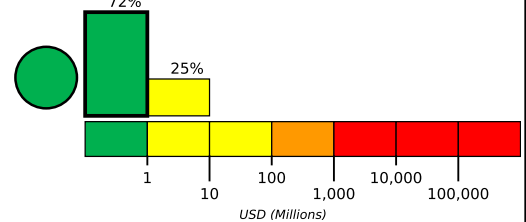
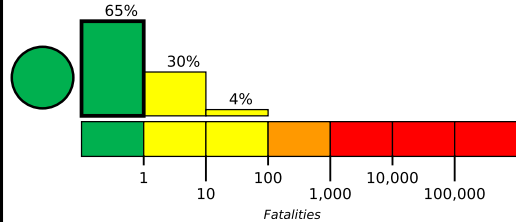
Created: 2 weeks, 4 days after earthquake

**PAGER
Version 6**

Estimated Fatalities

Green alert for shaking-related fatalities and economic losses. There is a low likelihood of casualties and damage.

Estimated Economic Losses

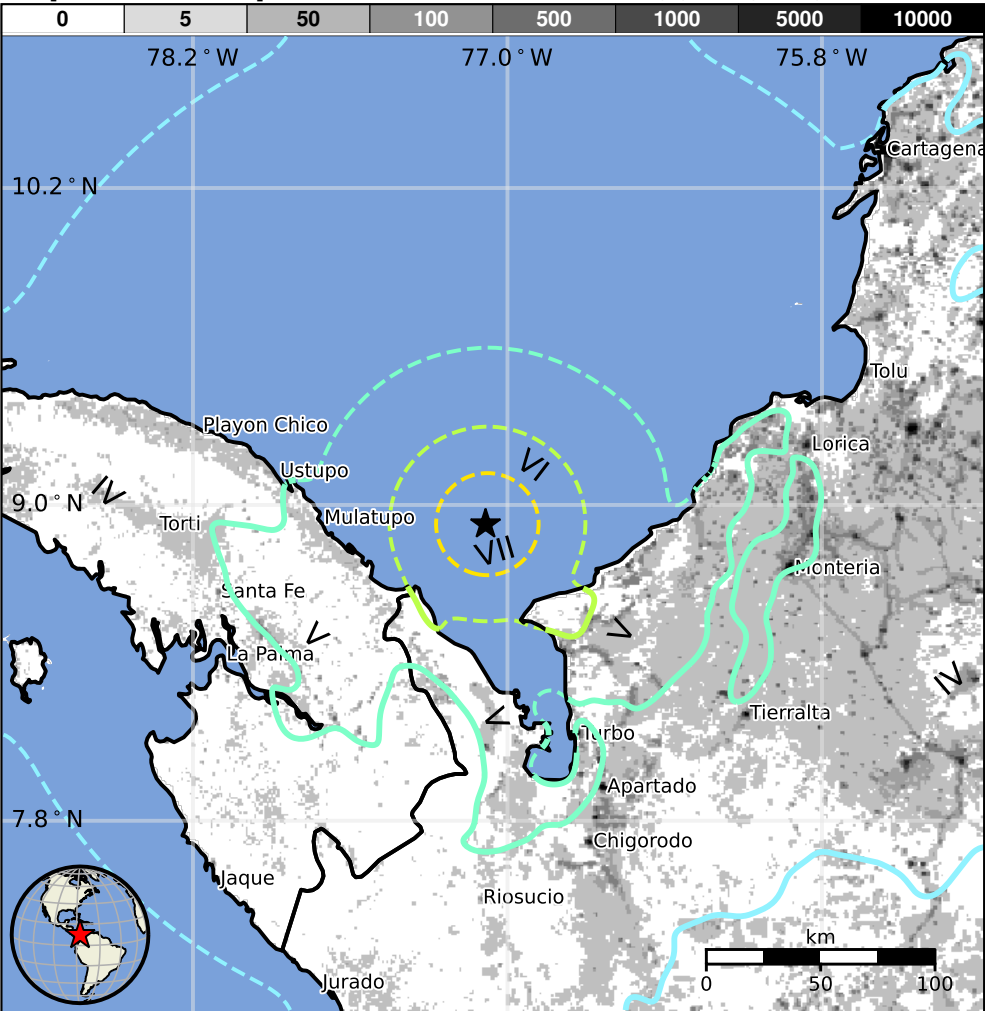


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)		—*	141k*	3,860k*	1,090k	28k	0	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	II-III	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

*Estimated exposure only includes population within the map area.

Population Exposure



Structures

Overall, the population in this region resides in structures that are a mix of vulnerable and earthquake resistant construction. The predominant vulnerable building types are mud wall and adobe block construction.

Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1992-10-18	206	7.1	IX(22k)	1
1977-08-31	202	6.5	IX(4k)	3
1974-07-13	144	7.3	IX(2k)	11

Recent earthquakes in this area have caused secondary hazards such as landslides and liquefaction that might have contributed to losses.

Selected City Exposure

from GeoNames.org

MMI	City	Population
VI	Acandí	5k
VI	Puerto Obaldia	<1k
VI	San Juan de Urabá	11k
V	Necoclí	11k
V	Arboletes	8k
V	Los Córdoba	2k
V	Montería	272k
V	Unión Chocó	9k
IV	La Palma	2k
IV	Sincelejo	261k
IV	Cartagena	952k

PAGER content is automatically generated, and only considers losses due to structural damage. Limitations of input data, shaking estimates, and loss models may add uncertainty.
<https://earthquake.usgs.gov/earthquakes/eventpage/us7000k3n3#pager>

bold cities appear on map.

(k = x1000)

Event ID: us7000k3n3